

321. (deleted)

322. (previously amended) A method as in claim 318 wherein said virus is administered by the intravenous route.

323. (previously presented) A method of treating cancer comprising administering to said mammal in need of such treatment Newcastle disease virus, wherein said Newcastle disease virus is of moderate virulence, and which alone is cytotropic for said cancer, at a dose of about  $4 \times 10^8$  to about  $4 \times 10^{10}$  PFU per kg of body weight of said mammal.

324-327. (deleted)

328. (previously presented) A method as in claim 318 wherein said virus is administered by the intravenous route.

329-330. (deleted)

331. (previously presented) A method as in claim 318 wherein said cancer is a solid tumor.

332. (Currently amended) A method of treating cancer in a mammal having a solid tumor comprising administering systemically to said mammal a Newcastle Disease Virus in an amount of about  $4 \times 10^8$  to  $4 \times 10^{10}$  PFU/kg sufficient to cause tumor regression.

333. (Currently amended) A method as in claim 332 wherein said cancer tumor is selected from the group consisting of: is a carcinoma, sarcoma, fibrosarcoma, synovial sarcoma, colon carcinoma, breast carcinoma, prostate carcinoma, lung carcinoma, cervical carcinoma, neuroblastoma, glioblastoma, or melanoma lung carcinoma, breast carcinoma, prostate carcinoma, colon adenocarcinoma, cervical carcinoma, endometrial

carcinoma, ovarian carcinoma, bladder carcinoma, Wilm's tumor, fibrosarcoma,  
osteosarcoma, melanoma, synovial sarcoma, neuroblastoma and glioblastoma.

334. (New) A method as in claim 332 wherein said tumor is a colon adenocarcinoma.

335. (New) A method as in claim 332 wherein said tumor is a melanoma.

336. (New) A method as in claim 332 wherein said tumor is a neuroblastoma.

337. (New) A method as in claim 332 wherein said Newcastle Disease Virus is strain Mass MK107.

338. (New) A method as in claim 332 wherein said Newcastle Disease Virus is strain 73-T.

339. (New) A method as in claim 332 wherein said administering systemically is administering in multiple doses.

340. (New) A method as in claim 332 wherein said administering systemically is administering by the intravenous route.

341. (New) A method as in claim 332 wherein said administering systemically is administering by the intraperitoneal route.

342. (New) A method as in claim 332 wherein the amount of Newcastle Disease Virus administered systemically is about  $4 \times 10^{10}$  to  $4 \times 10^{12}$  PFU/kg.

343. (New) A method of treating cancer in a mammal having a tumor comprising administering systemically to said mammal more than one dose of a Newcastle Disease Virus.

344. (New) A method as in claim 343 wherein said tumor is selected from the group consisting of lung carcinoma, breast carcinoma, prostate carcinoma, colon

adenocarcinoma, cervical carcinoma, endometrial carcinoma, ovarian carcinoma, bladder carcinoma, Wilm's tumor, fibrosarcoma, osteosarcoma, melanoma, synovial sarcoma, neuroblastoma and glioblastoma.

345. (New) A method as in claim 343 wherein said tumor is a colon adenocarcinoma.

346. (New) A method as in claim 343 wherein said tumor is a melanoma.

347. (New) A method as in claim 343 wherein said tumor is a neuroblastoma.

348. (New) A method as in claim 343 wherein said Newcastle Disease Virus is strain Mass MK107.

349. (New) A method as in claim 343 wherein said Newcastle Disease Virus is strain 73-T.

350. (New) A method as in claim 343 wherein the amount of Newcastle Disease Virus administered systemically is an amount sufficient to cause tumor regression.

351. (New) A method as in claim 343 wherein the amount of Newcastle Disease Virus administered systemically is about  $4 \times 10^{10}$  to  $4 \times 10^{12}$  PFU/kg.

352. (New) A method as in claim 343 wherein the amount of Newcastle Disease Virus administered systemically is about  $4 \times 10^9$  PFU/kg.

353. (New) A method as in claim 343 wherein said administering systemically is administering by the intravenous route.

354. (New) A method as in claim 343 wherein said administering systemically is administering by the intraperitoneal route.

355. (New) A method of treating cancer in a mammal having a tumor comprising administering intravenously to said mammal more than one dose of a Newcastle Disease Virus in an amount sufficient to cause tumor regression.